

In the Claims:

1. (Currently Amended) ~~Housing~~ A housing for electrical high-power-components, the housing comprising:

~~with~~ a carrier platform (1) made from a fiber-composite material containing a reinforcing glass fiber ~~component~~, component; and

at least one cover (2) connected rigidly to the carrier platform,

wherein the reinforcing glass fiber component in the fiber-composite material is selected so that its thermal coefficient of longitudinal expansion deviates, in terms of magnitude, by a maximum of 30% from that of a material of the at least one cover ~~of the material~~.

2. (Currently Amended) ~~Housing~~ The housing according to Claim 1, in which the thermal coefficient of longitudinal expansion of the fiber-composite material deviates, in terms of magnitude, by a maximum of 20% from that of the material of the at least one cover.

3. (Currently Amended) ~~Housing~~ The housing according to Claim 1, in which the thermal coefficient of longitudinal expansion of the fiber-composite material deviates, in terms of magnitude, by a maximum of 10% from that of the material of the at least one cover.

4. (Currently Amended) ~~Housing~~ The housing according to Claim 1, in which ~~the~~ a weight percent of reinforcing glass fibers lies between ~~50~~ 50% and 90%.

5. (Currently Amended) ~~Housing~~ The housing according to Claim 4, in which the reinforcing glass fiber component lies between ~~60~~ 60% and 75% of the fiber-composite material.

6. (Currently Amended) ~~Housing~~ The housing according to Claim 1, wherein the at least one cover (2) ~~is composed of~~ comprises metal.

7. (Currently Amended) ~~Housing~~ The housing according to Claim 1, wherein the the at least one cover (2) seals with the carrier platform in at least one area.

8. (Currently Amended) ~~Housing~~ The housing according to Claim 1, in which the at least one cover (2) extends into a first recess ~~(18)~~.

9 (Currently Amended) ~~Housing~~ The housing according to Claim 1, ~~in which further comprising attachment tabs (21), which each attachment tab featuring feature~~ at least one bore ~~(22), are formed on the a side of the carrier platform, wherein (1); in which the carrier platform (1) has openings, and wherein openings; in which the attachment elements (99) are provided, which connect the openings of the carrier platform (1) to the corresponding at least one bore bores (22) of the attachment tabs (21).~~

10. (Currently Amended) ~~Housing~~ The housing according to Claim 1, ~~in which further comprising at least one fourth recess (110) for holding high-power components is provided in the carrier platform (1).~~

11. (Currently Amended) ~~Housing~~ The housing according to Claim 1, in which inserts ~~(18e)~~ in the form of sockets for holding attachment elements are installed in at least one side wall of the carrier platform ~~(1)~~, wherein the axes of the sockets run parallel to the base of the carrier

platform-(1), and wherein the side wall of the carrier platform (1) runs perpendicular to its base in ~~the~~ an area of the sockets.

12. (Currently Amended) ~~Housing~~ The housing according to Claim 1, in which openings (93) for holding electrical feedthrough sockets between ~~[[the]]~~ inside and outside of the housing are formed in the carrier platform-(1).

13. (Currently Amended) ~~Housing~~ The housing according to Claim 1, ~~in which further comprising a fourth~~ recess (110) for holding high-power components ~~[[is]]~~ provided in a center area of the carrier platform-(1) ~~in the center area~~.

14. (Currently Amended) ~~Housing~~ The housing according to Claim 1, in which at least one opening for attaching high-power components is provided in at least one cover wall.

15. (Currently Amended) ~~Housing~~ The housing according to Claim 1, in which at least one impregnating opening (8) is provided in a side wall or end wall of the cover-(2).

16. (Currently Amended) ~~Housing~~ A housing for high-power components, the housing comprising:

~~which has~~ two parallel mounting planes, containing two plastic platforms-(1', 1d), which correspond to the mounting planes and which are made from a fiber-composite material and a jacket (2d) arranged between the plastic platforms and connected rigidly to these platforms,

wherein openings (93) for holding electrical feedthrough sockets are formed in each plastic platform-(1', 1d), and

wherein ~~the~~ a reinforcing glass fiber component in each plastic platform (~~1', 1d~~) is set so that ~~the~~ its coefficient of longitudinal expansion of the plastic platform deviates, in terms of magnitude, by $\beta < 30\%$ of that of ~~the~~ a cover (~~2~~).

17. (Currently Amended) ~~Module~~ A module with a housing according to Claim 16, ~~in which~~ further comprising capacitors (~~C~~) ~~are~~ mounted in the housing.

18. (Currently Amended) ~~Module~~ The module according to Claim 17, in which three-phase chokes are mounted in the housing.

19. (Currently Amended) ~~Module~~ The module according to Claim 17, in which the openings (~~93~~) are designed for holding electrical feedthrough sockets for ribbon cables.

20. (Currently Amended) ~~Module~~ The module according to Claim 17, in which external contacts (~~92~~) are provided in the form of plug clips, attachment tabs, a plug pin, or threaded bolt.

21. (Currently Amended) ~~Module~~ The module according to Claim 17, in which ~~the~~ an electrical connection (~~92a~~) of each capacitor forms a contact with several external contacts (~~92~~) of the ~~module~~ housing.